

CLAIMS

Sub
1. A plate shaped battery comprising:
an anode terminal (24a, 26, 39) and a cathode terminal (23a, 23b, 23c, 25, 35), connected to a power generating element (21) generating power and extend from almost a middle portion of said power generating element (21) to the outside thereof;
a wrapping member (22) sealing said power generating element (21) and formed in the shape of a wrapper; and
10 a support member (15, 17, 55, 85) supporting said anode terminal (24a, 26, 39) or said cathode terminal (23a, 23b, 23c, 25, 35) extending outward from said power generating element (21).

15 2. The plate shaped battery according to claim 1, wherein said support member (15) includes a temperature detector (42), further comprising a heat transfer member (41) connecting said wrapping member (22) and said temperature detector (42) therebetween in order to transfer heat from said power generating element (21) to said temperature detector (42).

20 3. The plate shaped battery according to claim 1, wherein said support member (10, 17, 55, 85) is formed on a surface of an exterior member (10, 50, 80) in one body therewith.

25 4. The plate shaped battery according to claim 1, further comprising a conductive exterior member (50, 80) surrounding said wrapping member (22).

30 *5* 5. The plate shaped battery according to claim 4, wherein said exterior member (50, 80) is electrically connected to one of said anode terminal (24a, 26, 39) and said cathode terminal (23a, 23c, 35).

6. A portable radio terminal using a plate shaped battery according

to claim 1.

7. A plate shaped battery comprising:

5 a wrapping member (22) sealing a power generating element (21) generating power, forming a seal portion(22d) with one part of said wrapping member (22) and the other part thereof overlapping with each other, and having the shape of a wrapper; and

10 an exterior member (71, 75, 77, 80) having a recess (72, 76, 83) for receiving said seal portion (22d).

8. The plate shaped battery according to claim 7, wherein said exterior member (75, 77, 80) has an electrical conductivity and surrounds said wrapping member (22).

15 9. The plate shaped battery according to claim 8, wherein said exterior member (80) is electrically connected to one of an anode terminal (24a, 39) and a cathode terminal (23a, 35).

20 10. The plate shaped battery according to claim 7, wherein an anode terminal (24a, 39) and a cathode terminal (23a, 35) extend from almost a middle portion of said power generating element (22) to the outside thereof, further comprising a support member (85) supporting said anode terminal (24a, 39) or said cathode terminal (23a, 35), extending to the outside thereof.

25 11. A portable radio terminal using a plate shaped battery according to claim 7.